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JP998 U.S. PTO
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JP998 U.S. PTO-1082

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re application of:
Junichi KARASAWA and Kunio WATANABE, both of Nagano-ken, Japan
Serial No: Not Assigned
Filed: February 6, 2002
For: Semiconductor Device, Memory System and Electronic Apparatus

JP998 U.S. PTO
10/072855
02/06/02

Box PATENT APPLICATION
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021



26021

PATENT TRADEMARK OFFICE

Transmitted herewith for filing is the patent application identified above.

- ☒ 16 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
☒ 37 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
☒ An assignment of the invention to SEIKO EPSON CORPORATION ☐ is enclosed ☒ will follow.
☐ An associate power of attorney ☐ is enclosed ☐ will follow.
☐ Applicant claims small entity status. See 37 CFR 1.27.
☒ Declaration and Power of Attorney ☐ is enclosed ☒ will follow.
☐ Certified copies of Japanese Patent Application No. 2001-88309 filed March 26, 2001 and Patent Application No. 2001-330784 filed October 29, 2001, from which priority is claimed under 35 U.S.C. § 119 will follow.
☐ IDS enclosed (☐ with [# of refs.] reference(s)).
☐ Preliminary Amendment is enclosed.
☐ Application data sheet is enclosed. See 37 CFR 1.76.
☒ Return postcard is enclosed.

CALCULATION OF FEES

CALCULATION OF FEES									
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE	
A	TOTAL CLAIMS FEE E	39	-20	19	LG=\$18 SM=\$9	\$18	342.00		
B	INDEPENDENT CLAIMS FEE*	1	-3	0	LG=\$84 SM=\$42	\$84	\$ 0		
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							342.00	
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$280 SMALL ENTITY FEE = \$140		\$ 280.00	
E	BASIC FEE					LARGE ENTITY FEE = \$740 SMALL ENTITY FEE = \$370		\$ 740.00	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 1362.00	
G	ASSIGNMENT RECORDING FEE							\$ 40	\$ 40
*LIST INDEPENDENT CLAIMS 1									

- ☐ Please charge my Deposit Account No. 50-1314 the amount of \$ 0. A copy of this letter is enclosed.
☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.
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☐ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
☐ Any additional filing fees required under 37 C.F.R. 1.16
☐ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARTSON L.L.P.

By:

Anthony J. Orler
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Art Unit: Not Assigned

Examiner: Not Assigned

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Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☐ patent application (37 page(s) of specification; 39 claim(s); 1 page(s) of abstract
- ☒ 16 sheet(s) of formal drawings
- ☐ return postcard

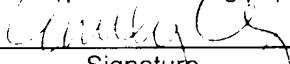
are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

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Date: February 6, 2002

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Emily Cruz
Name of person mailing papers


Signature